

DESCRIPTION OF A NEW GENUS AND SPECIES OF PEDICULATE FISHES (HALIEUTELLA LAPPA).

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HALIEUTELLA, new genus.

Body maltheiform, subcircular, depressed, its width equal to its length; covered with flaccid, inflatable skin. Spines feeble and less numerous than in *Halieutæa*. Head merged in body; forehead with a transverse bony ridge; no perceptible supraoral cavity; no tentacle. Mouth small, terminal; lower jaw slightly curved forward. Teeth in the jaws minute, cardiform; not discernible on palate, though possibly present. Carpus broad, slightly exserted. Pectoral fins remote from tail, obliquely placed, with membranes subvertical. Branchial aperture posterior to carpus, upon the disk, and not remote from its margin. Dorsal fin 5-rayed, inserted at junction of disk with caudal peduncle. Anal fin 4-rayed, originating at root of caudal peduncle.

Halieutella lappa, new species.

Disk subcircular, more than two-thirds as long as the body. Body covered with a loose, flaccid, inflatable skin, which so obscures its proportions that it is impossible to determine its exact height, but it is not nearly so much depressed as in the related genera. When the body is inflated the height and length of the disk are nearly equal.

Spines rather feeble; about ten between snout and dorsal fin. About six strong spines, with conical bases and stellular tips on the outer margin of the disk on each side, the anterior of them being opposite the eye. In front of these spines on the discal margin, and between them and the snout, are several small, simple spines, pointing backward. Belly armed with spines similar to those on the back, but weaker. A stellate spine upon the tip of the snout, with two weaker, simple spines on each side. Nasal openings midway between eye and tip of snout. Mouth small, upon the margin of the disk. The upper jaw is shorter than the diameter of the eye. Teeth as described in the generic diagnosis. Dorsal fin inserted at posterior limit of disk, with five simple, articulated rays, its longest ray one-fifth as long as the disk. Anal fin with four simple, articulated rays, inserted directly beneath the fourth ray of the dorsal; its second, and longest, ray one-fourth as long as the disk. Caudal twice as long as anal and slightly longer than caudal peduncle, with nine simple, articulated rays. Carpus inserted at a distance from the snout equal to twice the length of the longest pectoral ray, which is slightly greater than the distance of posterior margin of carpus, at its junction with disk, from vent. Number of pectoral rays, 15. Ventral inserted at a point equidistant from the snout and the origin of the anal; length of its longest ray (the fourth) equal to one-half the distance of the anal fin from the snout. Number of ventral rays, 5. D. 5; A. 4; C. 9; P. 15; V. 5.

A single specimen, $1\frac{1}{4}$ inches long, was dredged by the U. S. Fish Commission steamer Fish Hawk at station 1151, north latitude $39^{\circ} 58' 30''$, west longitude $70^{\circ} 37'$, in a depth of 125 fathoms. Color, yellowish white.